

Focus Area 3: Melanoma Cancer

Objective 3-8 targets an overall reduction in the melanoma cancer death rate to 2.3 per 100,000 population.

California's age-adjusted death rate for malignant melanoma declined from 2.5 per 100,000 population in 2000 to 2.4 in 2004 (Figure 3-8, Table 3-8). No significant trend was found in California's melanoma cancer death rates during the 2000-2004 period, but it is likely that this objective will be achieved by the year 2010.

Age-adjusted melanoma cancer death rates for males were significantly higher than rates for females, and also significantly higher than the HP2010 target. The melanoma cancer death rate for males was 3.7 per 100,000 in 2004, compared with 1.5 per 100,000 for females. This HP2010 objective is being achieved for females, but not for males.

Data by race and ethnicity show that Whites had significantly higher age-adjusted melanoma cancer death rates than any other racial or ethnic population with reliable rates: 3.8 per 100,000 in 2004. The death rates for Whites were significantly higher than both the HP2010 objective and the overall statewide rate. The next highest reliable melanoma cancer death rates were reported for Hispanics/Latinos (0.5 per 100,000 in 2004). Death rates for the African American/Black, American Indian/Alaska Native, Asian, Multirace, and Pacific Islander populations were unreliable due to the small number of events and are not reported.

For more information on melanoma cancer (malignant melanoma) in California, visit the California Cancer Registry Web site at:

<http://www.ccrca.org/>

For more information on Healthy People 2010 objective 3-8, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume1/03Cancer.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od03.htm>

**Figure 3-8
Melanoma Cancer Death Rates
California, 2000-2004**

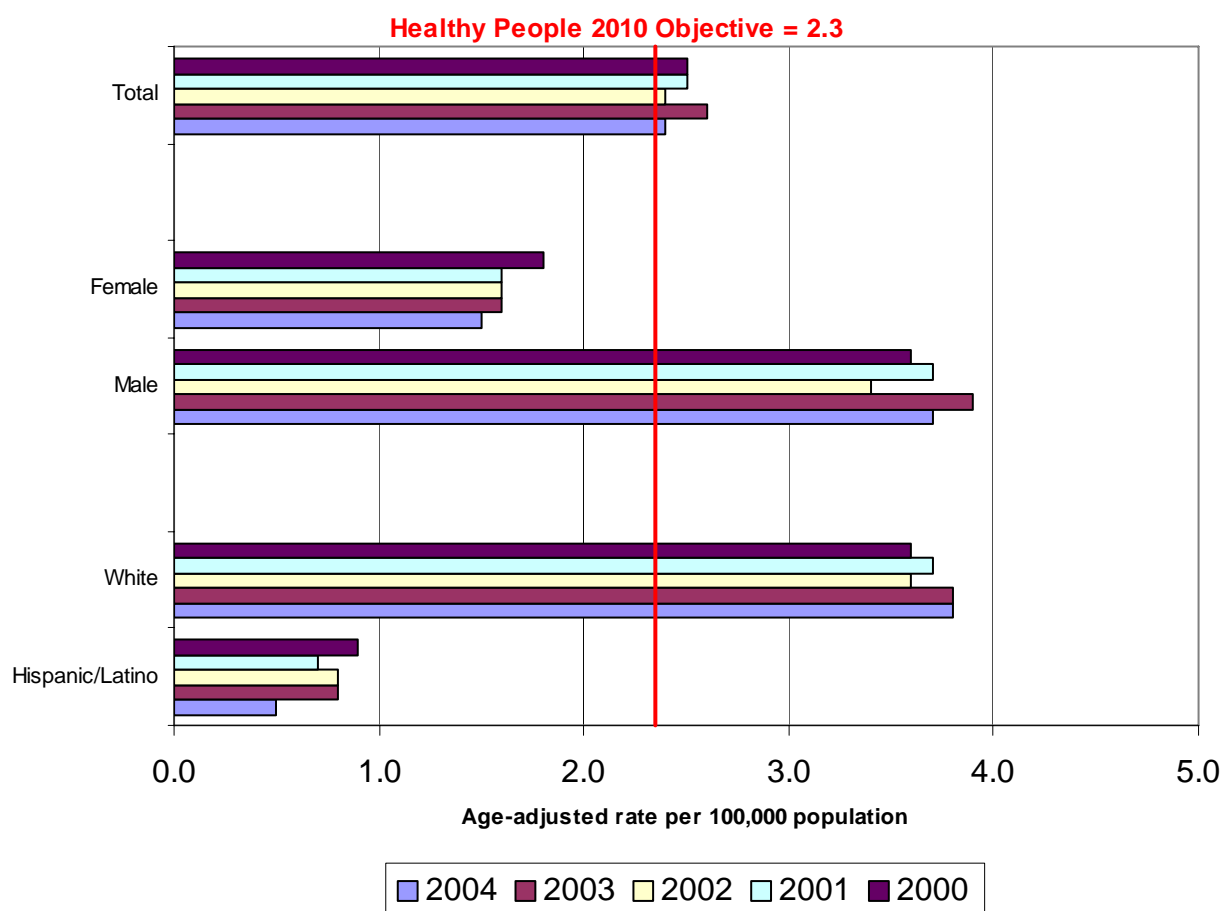


Table 3-8: Melanoma Cancer Deaths and Death Rates, California 2000-2004

Objective 3-8	2000 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2001 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		2.3				2.3		
Statewide Total	764	2.5	2.4	2.7	777	2.5	2.3	2.7
Race-Ethnicity								
African American/Black	5	DSU	-----	-----	2	DSU	-----	-----
American Indian/Alaska Native	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Asian	9	DSU	-----	-----	7	DSU	-----	-----
Hispanic/Latino	48	0.9	0.6	1.2	41	0.7	0.4	0.9
Pacific Islander	1	DSU	-----	-----	1	DSU	-----	-----
White	700	3.6	3.4	3.9	726	3.7	3.4	3.9
Multirace	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Gender								
Female	297	1.8	1.6	2.0	274	1.6	1.4	1.8
Male	467	3.6	3.2	3.9	503	3.7	3.3	4.0

Objective 3-8	2002 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2003 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		2.3				2.3		
Statewide Total	775	2.4	2.2	2.6	856	2.6	2.4	2.7
Race-Ethnicity								
African American/Black	7	DSU	-----	-----	7	DSU	-----	-----
American Indian/Alaska Native	1	DSU	-----	-----	2	DSU	-----	-----
Asian	13	DSU	-----	-----	8	DSU	-----	-----
Hispanic/Latino	43	0.8	0.6	1.1	50	0.8	0.6	1.1
Pacific Islander	1	DSU	-----	-----	0	0.0	0.0	0.0
White	710	3.6	3.3	3.8	785	3.8	3.5	4.1
Multirace	0	0.0	0.0	0.0	4	DSU	-----	-----
Gender								
Female	277	1.6	1.4	1.7	283	1.6	1.4	1.7
Male	498	3.4	3.1	3.7	573	3.9	3.6	4.2

Objective 3-8	2004 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	5-year Trend	HP2010 Objective Being Achieved?
Healthy People 2010 Target		2.3				
Statewide Total	830	2.4	2.3	2.6	ns	No
Race-Ethnicity						
African American/Black	5	DSU	-----	-----	n/a	Unk
American Indian/Alaska Native	1	DSU	-----	-----	n/a	Unk
Asian	7	DSU	-----	-----	n/a	Unk
Hispanic/Latino	35	0.5	0.3	0.6	ns	Yes
Pacific Islander	0	0.0	0.0	0.0	n/a	Unk
White	777	3.8	3.5	4.0	ns	No
Multirace	5	DSU	-----	-----	n/a	Unk
Gender						
Female	272	1.5	1.3	1.6	ns	Yes
Male	558	3.7	3.4	4.0	ns	No

SOURCES: CA Department of Health Services, Death Records, 2000-2004; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Melanoma cancer deaths defined by ICD-10 code C43.

¹ Rate per 100,000 population, age-adjusted using the 2000 US population standard.

Sig. - Statistically significant decrease in age-adjusted death rates from 2000 to 2004.

Sig. + Statistically significant increase in age-adjusted death rates from 2000 to 2004.

ns No significant trend as measured by linear regression analysis; n/a Not applicable (fewer than five data points).

DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).